

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S475	2	"5702650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 15:51
S476	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 15:51
S477	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 15:52
S478	14	("4595663"   "4748138"   "4753902"   "4983182"   "5122317"   "5358645"   "5556816").PN. OR ("5824089").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 16:00
S479	6072	zirconium and hafnium and yttrium and (aluminum or gallium or germanium or indium)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 16:01
S480	227	zirconium and hafnium and yttrium and (aluminum or gallium or germanium or indium) and (dentures or dental or teeth or tooth)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 16:01
S481	150	zirconium and hafnium and yttrium and (aluminum or gallium or germanium or indium) and (dentures or dental or teeth or tooth) and resistance	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 16:02
S482	44	zirconium and hafnium and yttrium and (aluminum or gallium or germanium or indium) and (dentures or dental or teeth or tooth) and resistance and raw	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 16:03
S483	24	zirconium and hafnium and yttrium and (aluminum or gallium or germanium or indium) and (dentures or dental or teeth or tooth) and breaking	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 16:03
S484	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN. OR ("6713421").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 16:07
S485	148	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57

## EAST Search History

S48 6	173	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S48 7	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S48 8	116	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S48 9	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 0	53	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 1	305	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 2	132	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 3	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 4	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 5	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57

## EAST Search History

S49 6	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 7	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 8	573	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S49 9	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S50 0	210	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S50 1	287	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S50 2	272	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:57
S50 3	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S50 4	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S50 5	414	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S50 6	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S50 7	10	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S50 8	51	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S50 9	34	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 0	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 1	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 2	8065	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 3	689	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 4	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 5	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S51 6	21	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 7	9	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 8	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S51 9	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S52 0	25	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S52 1	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S52 2	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S52 3	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S52 4	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S52 5	148	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S52 6	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S52 7	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S52 8	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S52 9	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 0	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 1	573	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 2	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 3	210	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 4	287	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 5	272	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S53 6	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 7	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 8	414	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S53 9	8065	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 0	689	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 1	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 2	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 3	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 4	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 5	53	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S54 6	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 7	10	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 8	51	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S54 9	34	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S55 0	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S55 1	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S55 2	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S55 3	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S55 4	21	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S55 5	9	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58



## EAST Search History

S55 6	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S55 7	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S55 8	25	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S55 9	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 0	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 1	173	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 2	116	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 3	132	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 4	305	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 5	35	presinter and ceramic and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S56 6	4	presinter same ceramic same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 7	16	presinter same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 8	1804003	dental and ceramicand (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S56 9	3673	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S57 0	0	dental and ceramic and (finning or grinding or fine or rough or milling) and presinter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S57 1	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S57 2	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S57 3	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S57 4	4	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S57 5	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S57 6	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S57 7	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S57 8	46	ceramic and (finning or grinding or fine or rough or milling) and (presinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S57 9	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 0	18	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 1	59	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 2	0	ceramic and (finning or grinding or fine or rough or milling) and (dense adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 3	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 4	59	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 5	2	"5702650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58

## EAST Search History

S58 6	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S58 7	1	dense adj vitrification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 8	215	dense adj sintering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S58 9	146	(dense adj sintering) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S59 0	19	(dense adj sintering) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S59 1	207	(dense adj sintering)". and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S59 2	97	(dense adj sintering)and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S59 3	97	(dense adj sintering) and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S59 4	9	(dense adj sintering) and (finning or grinding or fine or rough) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S59 5	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S59 6	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S59 7	23	"5106303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S59 8	14	"5217375"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S59 9	21	"477157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 0	25	"389461"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 1	1	"19511396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 2	148	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 3	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 4	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 5	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S60 6	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 7	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 8	573	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S60 9	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 0	210	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 1	287	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 2	272	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 3	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 4	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 5	414	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S61 6	8065	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 7	689	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 8	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S61 9	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 0	148	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 1	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 2	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 3	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 4	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 5	257	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S62 6	573	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 7	235	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 8	210	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S62 9	287	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 0	272	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 1	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 2	403	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 3	414	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 4	8065	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 5	689	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58



## EAST Search History

S63 6	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 7	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 8	1804003	dental and ceramicand (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S63 9	3673	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S64 0	0	dental and ceramic and (finning or grinding or fine or rough or milling) and presinter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S64 1	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S64 2	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partialyl adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S64 3	0	ceramic and (finning or grinding or fine or rough or milling) and (partialyl adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S64 4	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S64 5	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58

## EAST Search History

S64 6	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S64 7	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S64 8	59	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S64 9	0	ceramic and (finning or grinding or fine or rough or milling) and (dense adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S65 0	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S65 1	1	dense adj vitrification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S65 2	215	dense adj sintering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S65 3	146	(dense adj sintering) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S65 4	207	(dense adj sintering)". and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S65 5	97	(dense adj sintering)and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S65 6	97	(dense adj sintering) and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S65 7	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S65 8	1	"19511396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S65 9	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 0	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 1	53	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 2	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 3	10	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 4	51	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 5	34	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S66 6	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 7	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 8	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S66 9	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S67 0	21	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S67 1	9	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S67 2	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S67 3	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S67 4	25	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S67 5	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S67 6	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S67 7	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S67 8	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S67 9	53	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 0	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 1	10	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 2	51	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 3	34	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 4	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 5	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S68 6	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 7	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 8	21	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S68 9	9	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S69 0	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S69 1	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S69 2	25	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S69 3	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S69 4	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S69 5	35	presinter and ceramic and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S69 6	4	presinter same ceramic same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S69 7	16	presinter same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S69 8	4	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S69 9	46	ceramic and (finning or grinding or fine or rough or milling) and (presinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S70 0	18	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S70 1	59	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S70 2	2	"5702650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S70 3	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58
S70 4	19	(dense adj sintering) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/19 09:58
S70 5	9	(dense adj sintering) and (finning or grinding or fine or rough) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58

## EAST Search History

S70 6	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S70 7	23	"5106303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S70 8	14	"5217375"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S70 9	21	"477157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 0	25	"389461"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 1	173	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 2	116	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 3	132	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 4	173	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 5	116	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58



## EAST Search History

S71 6	132	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 7	305	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 8	305	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S71 9	18	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S72 0	21	"634149"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S72 1	36	"160797"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 09:58
S72 2	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 09:58